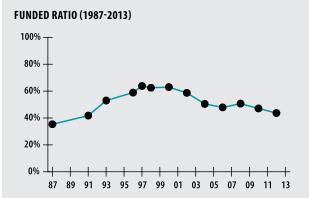
Middlesex County

P. O. Box 160 25 Linnell Circle Billerica, MA 01865 Phone 978-439-3000 Fax 978-439-3050

Board Members

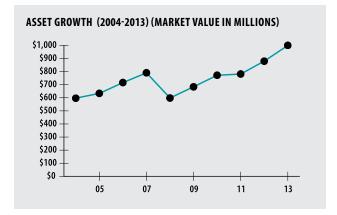
Thomas F. Gibson, Esq. (Chairperson), John Brown, Brian P. Curtin, Robert W. Healy, Edgar W. McLean, Jr.

Board Administrator Jacqueline Williams **Board Meeting** Varies





14% 12% 10% 8% 6% 4% 2% 0% 09 10 12 13



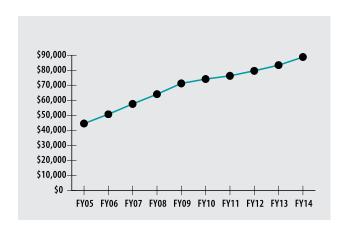
29 years 2013	28 years 2012	27 years 2011
8.60%	8.39%	8.21%
<u>10 years 2013</u>	<u>10 years 2012</u>	<u>10 years 2011</u>
6.58%	6.24%	4.42%
<u>5 years 2013</u>	<u>5 years 2012</u>	<u>5 years 2011</u>
10.82%	1.93%	1.43%

INVECTMENT DETIIDN HICTORY

ACTUARIAL

N Francisco		42.70/
► Funded Ratio		43.7%
Date of Last Valuation		01/12
► Actuary		The Segal Company
► Assumed Rate of Return		8.00%
▶ Funding Schedule		4.0% Increasing Phase-in
▶ Year Fully Funded		2035
▶ Unfunded Liability		\$1.1 B
► Total Pension Appropriation (Fiscal 2014)		\$88.8 M
	ACTIVE	RETIRED
Number of Members	8,979	4,886
► Total Payroll/Benefit	\$393.1 M	\$102.7 M
Average Salary/Benefit	\$43,800	\$2,100
▶ Average Age	48	NA
► Average Service	11.4 years	NA

10-YEAR HISTORY OF APPROPRIATIONS (IN THOUSANDS)



EARNED INCOME OF DISABILITY RETIREES (2012)

Number of Disability Retirees	457
▶ Number Who Reported Earnings	119
► Number of Excess Earners	3
► Total Amount of Refund Due	\$12,909

▶ 2013 Return	14.70%
▶ 2013 Market Value	\$1.0 B
▶ 2009-2013 (Annualized)	10.82%
▶ 1985-2013 (Annualized)	8.60%